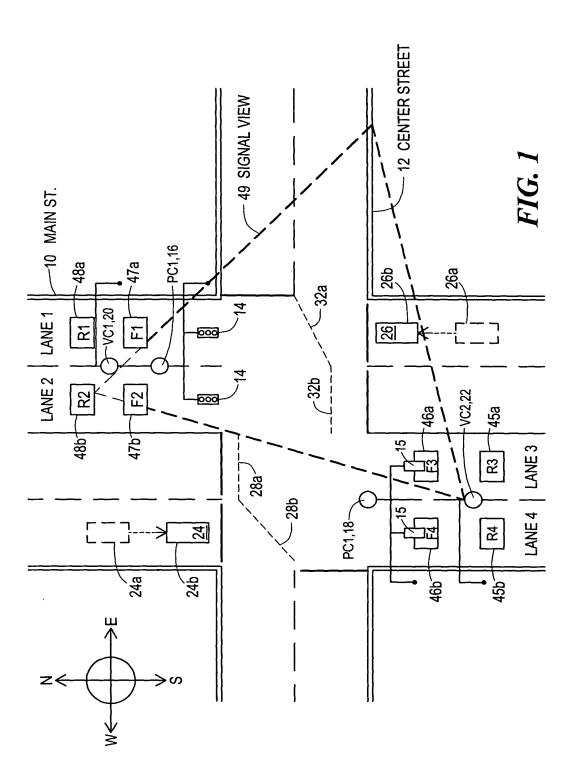
Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

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Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al. Appl. No.:_____

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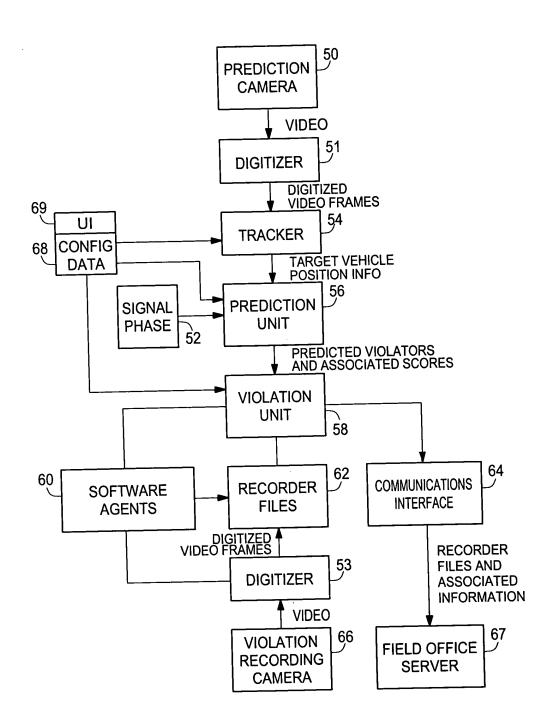
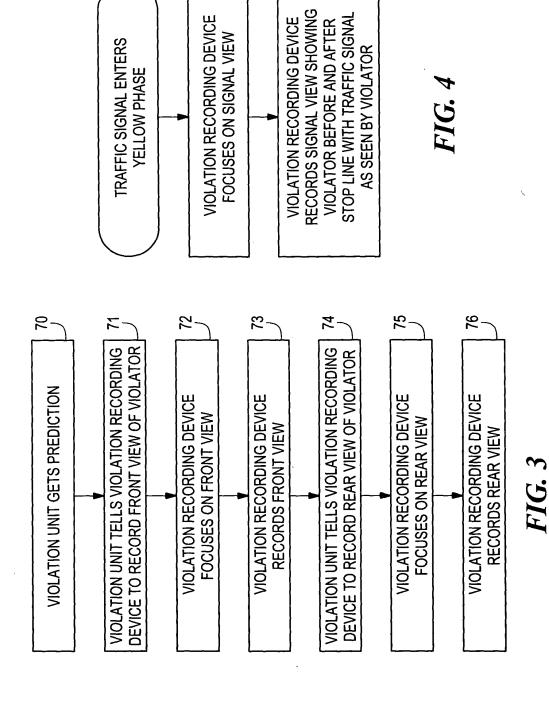


FIG. 2

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.
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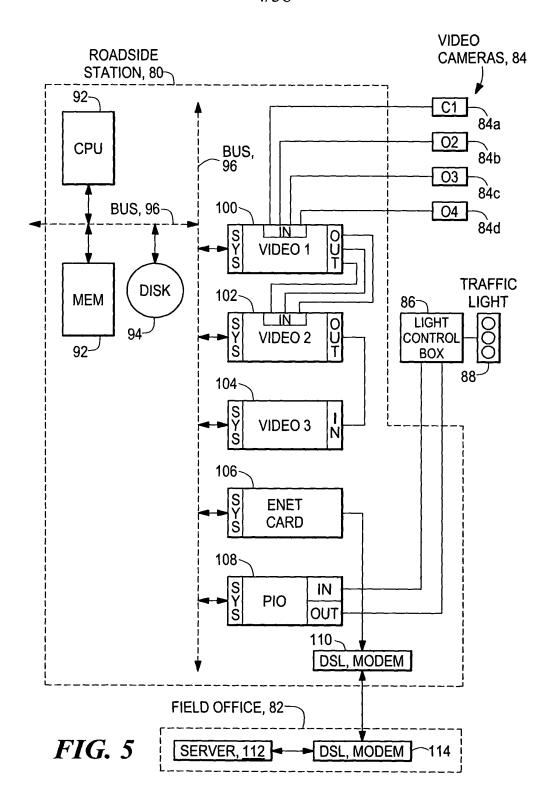
28



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Inventors: Mark D. Laird, et al.

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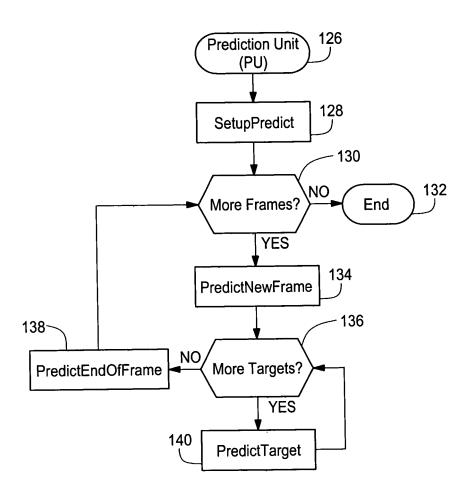


FIG. 6

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al. Appl. No.:

Docket No.: NEST-010AX

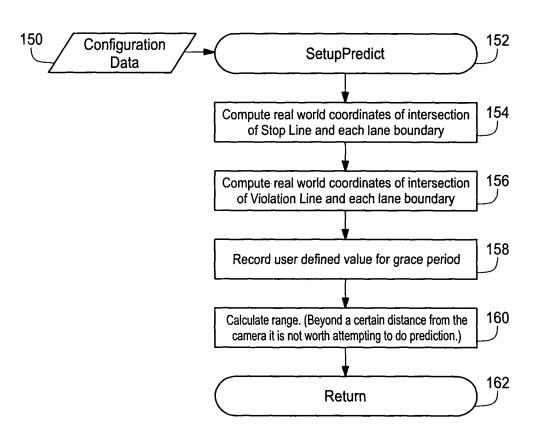


FIG. 7

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Inventors: Mark D. Laird, et al.

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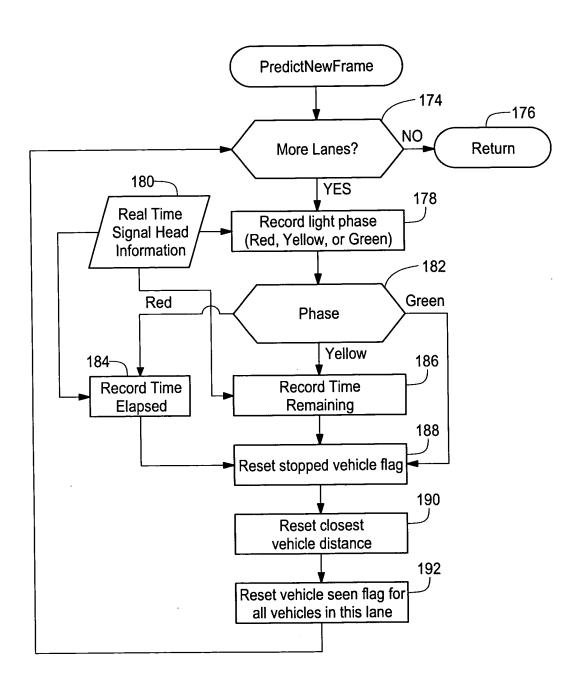


FIG. 8

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.

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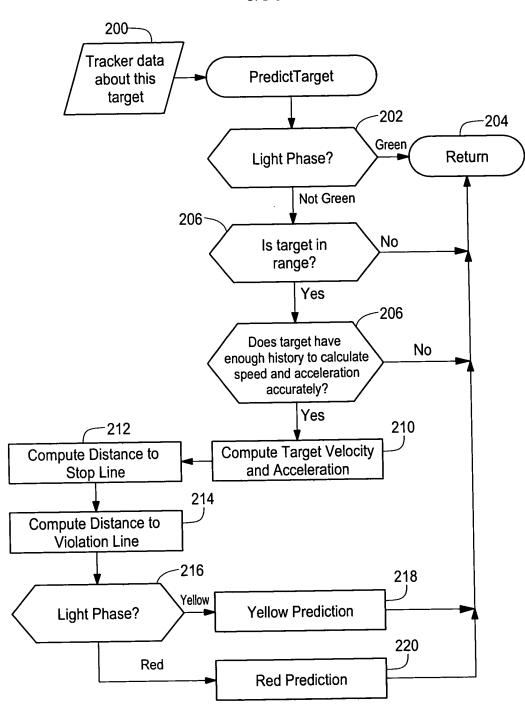


FIG. 9

AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

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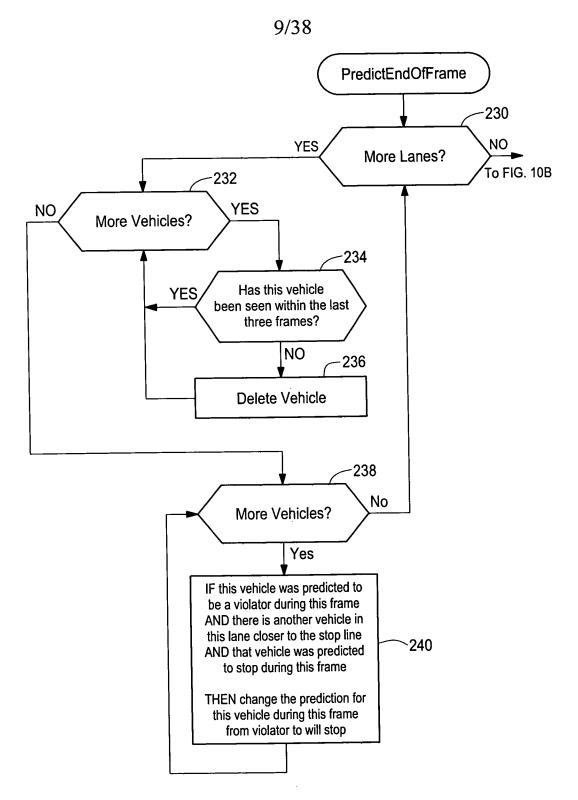


FIG. 10A

AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

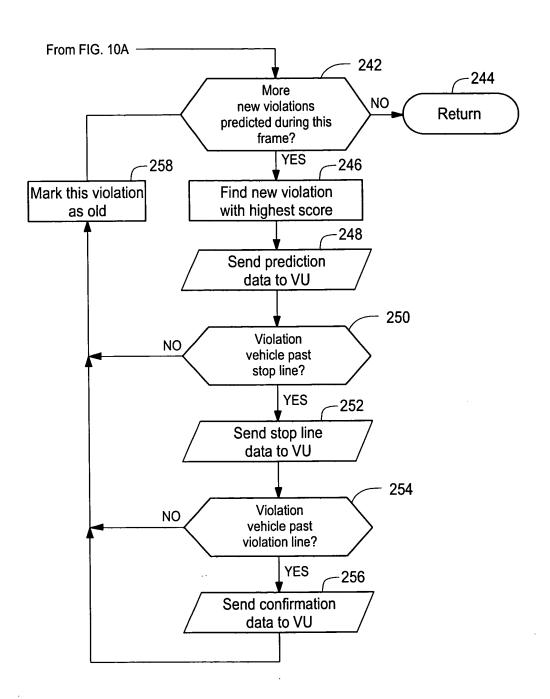
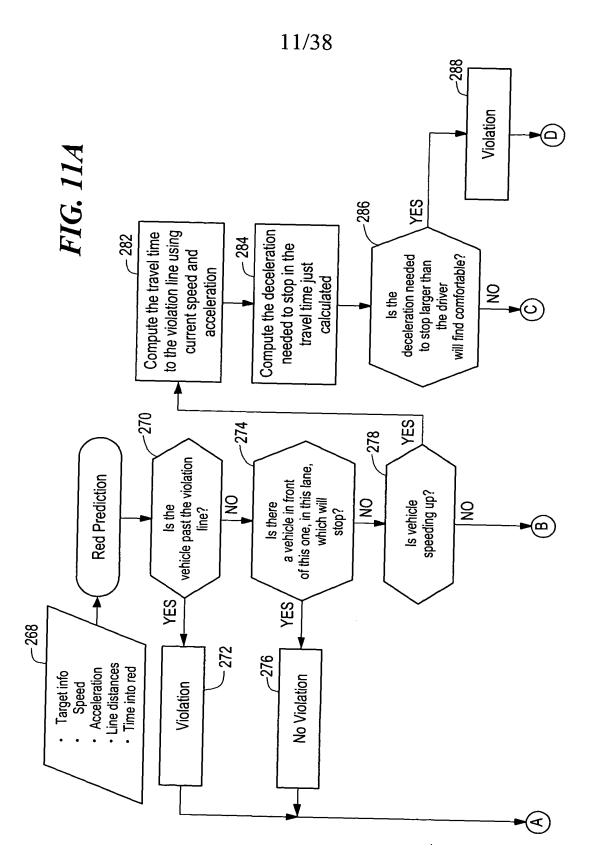


FIG. 10B

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.

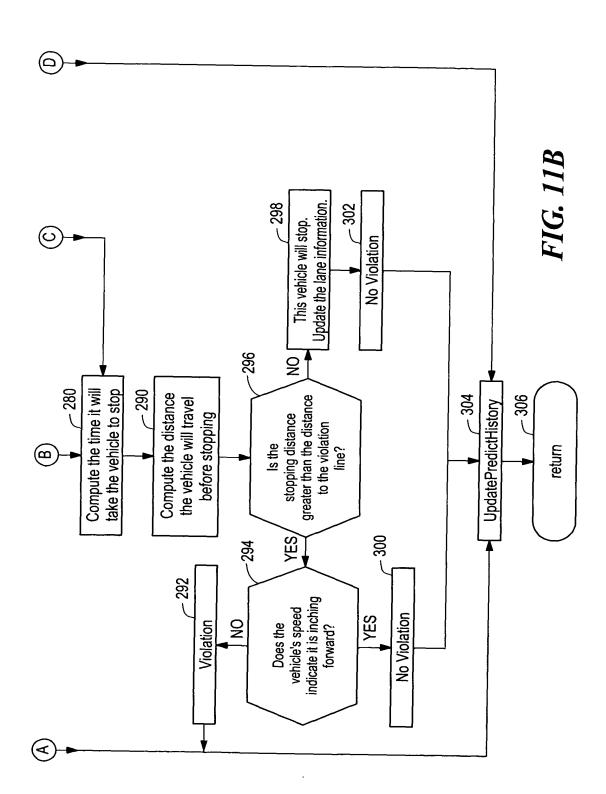


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AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

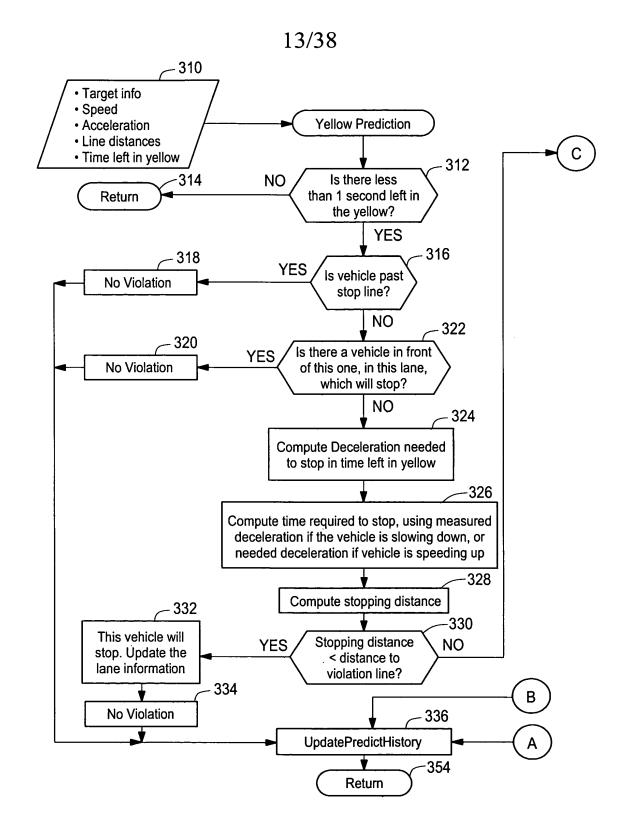


FIG. 12A

AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

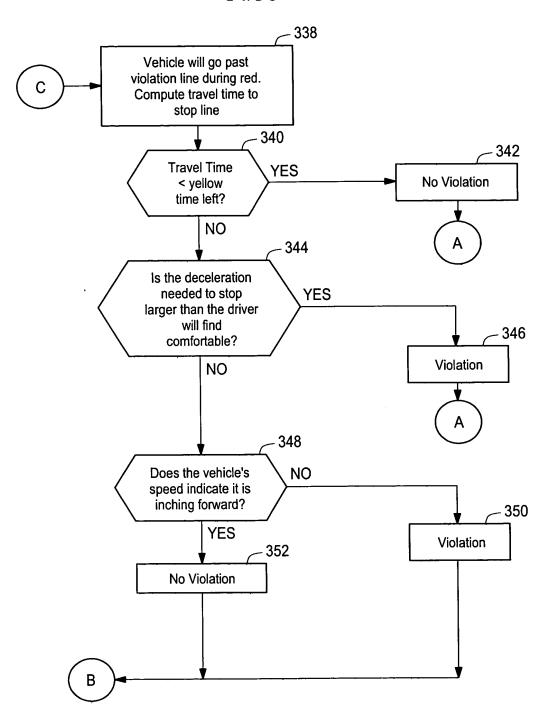
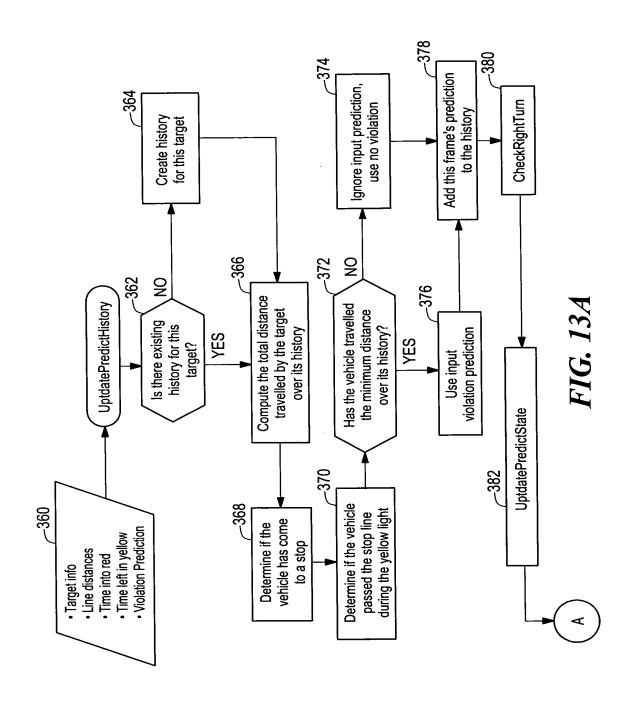


FIG. 12B

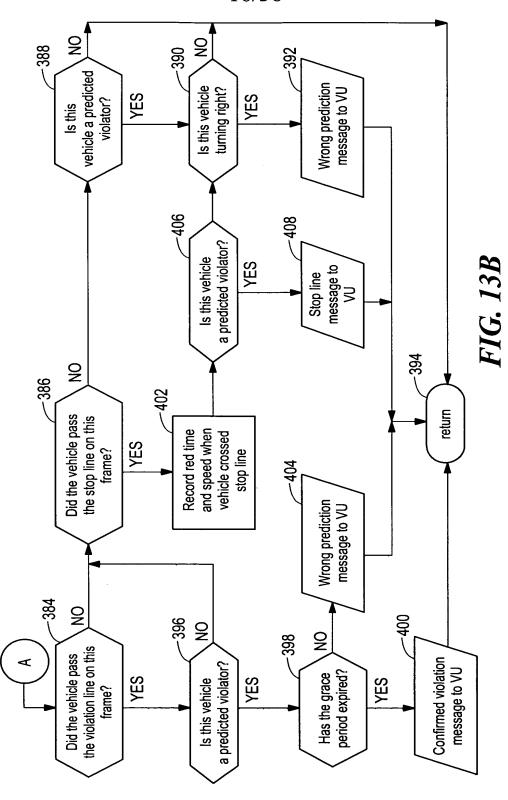
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Inventors: Mark D. Laird, et al.
Appl. No.:
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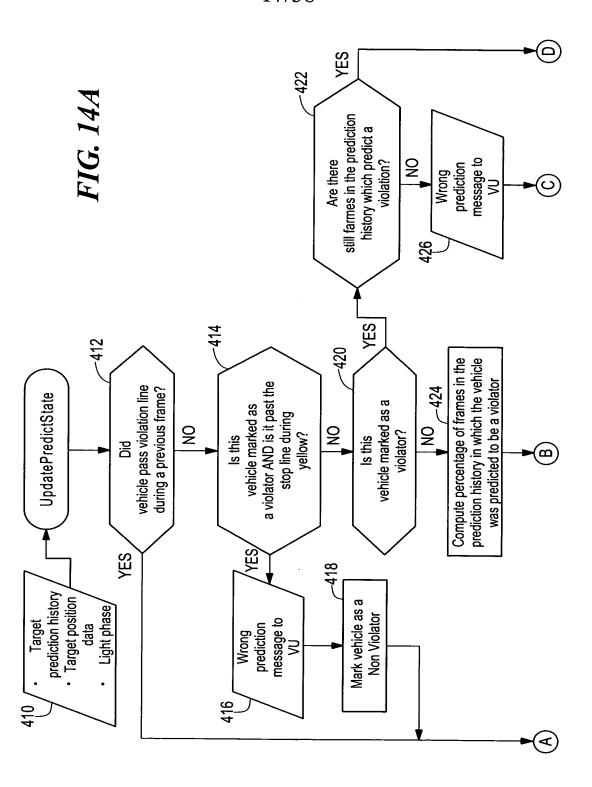




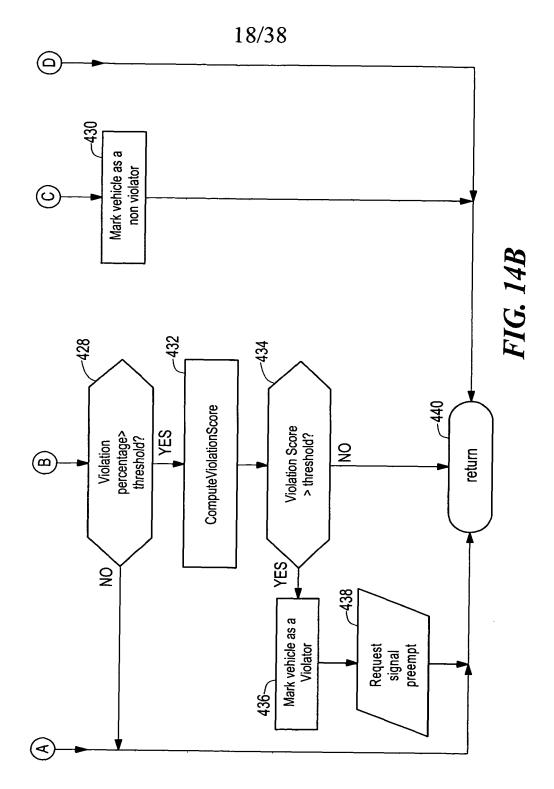
AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

Appl. No.:______ Docket No.: NEST-010AX

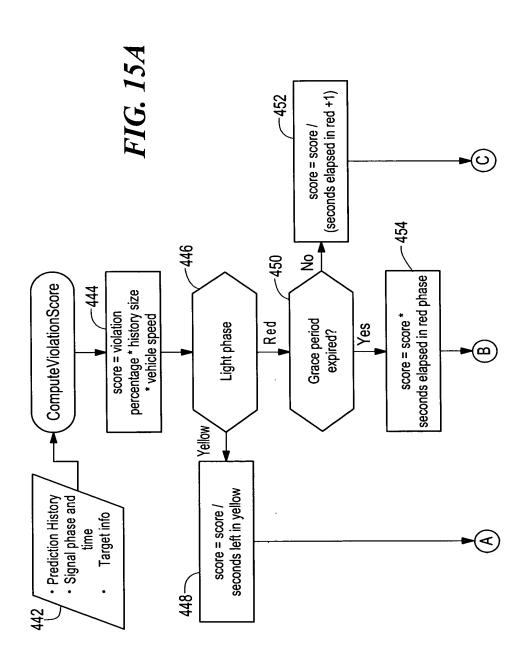


AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.
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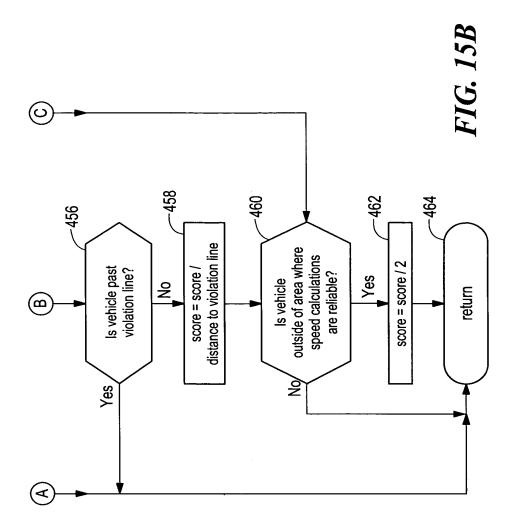
Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al. Appl. No.:
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Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
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AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

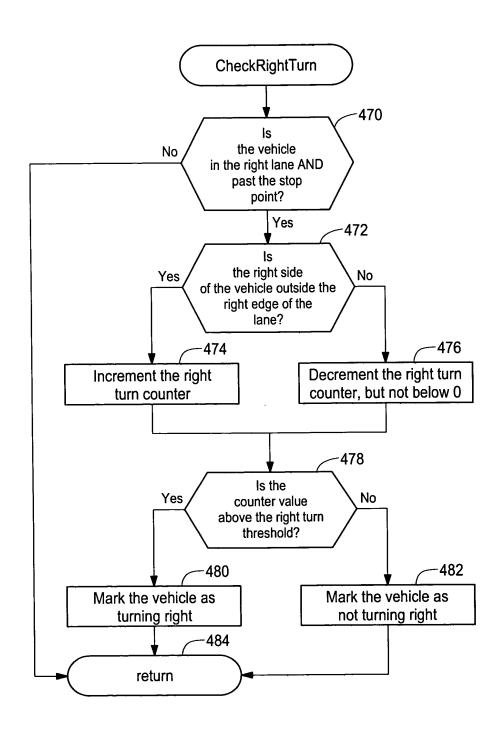


FIG. 16

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.
Appl. No.:
Docket No.: NEST-010AX

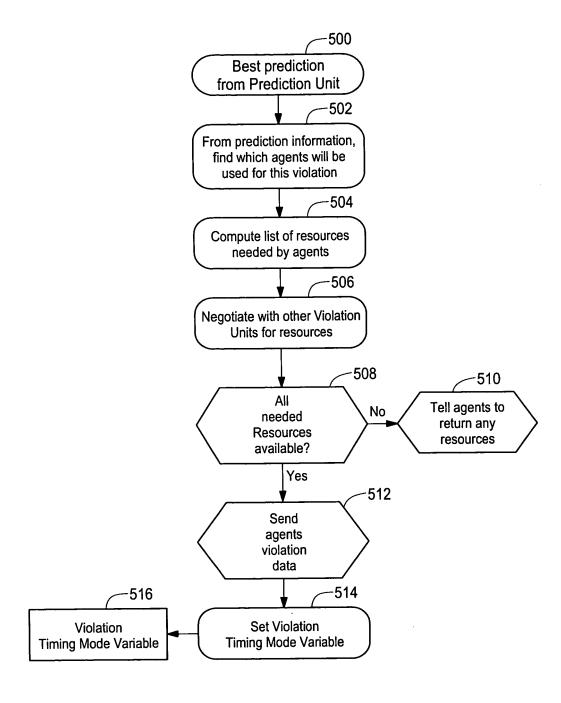
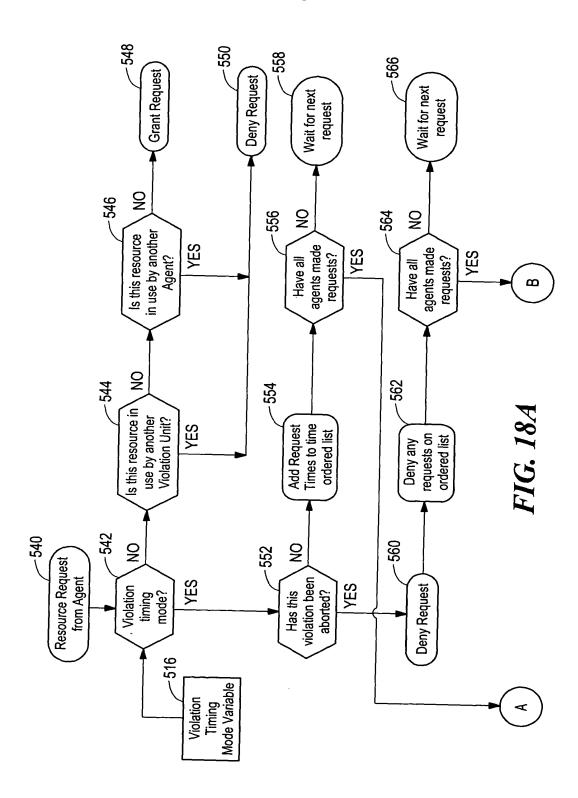


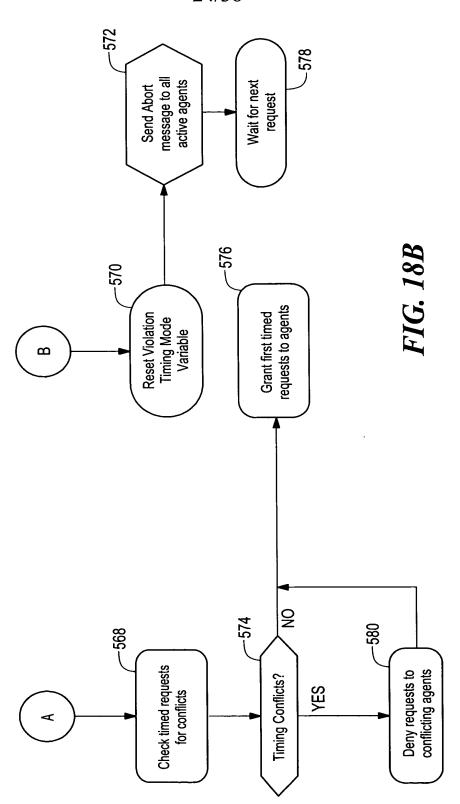
FIG. 17

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.
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Docket No.: NEST-010AX



Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al. Appl. No.:
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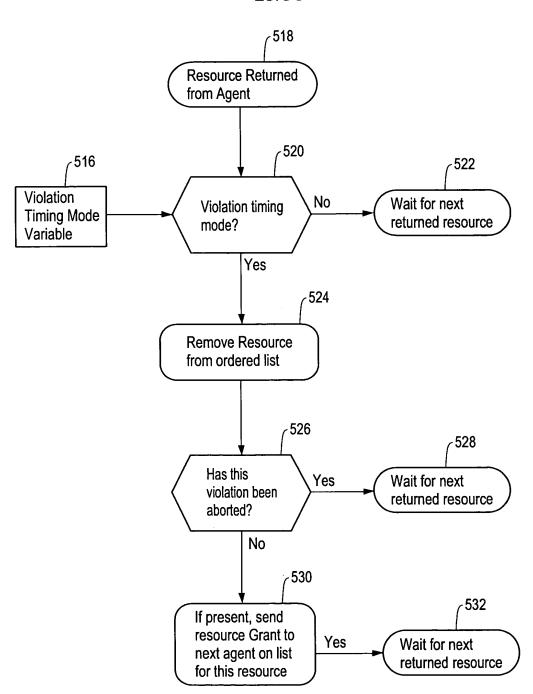


FIG. 19

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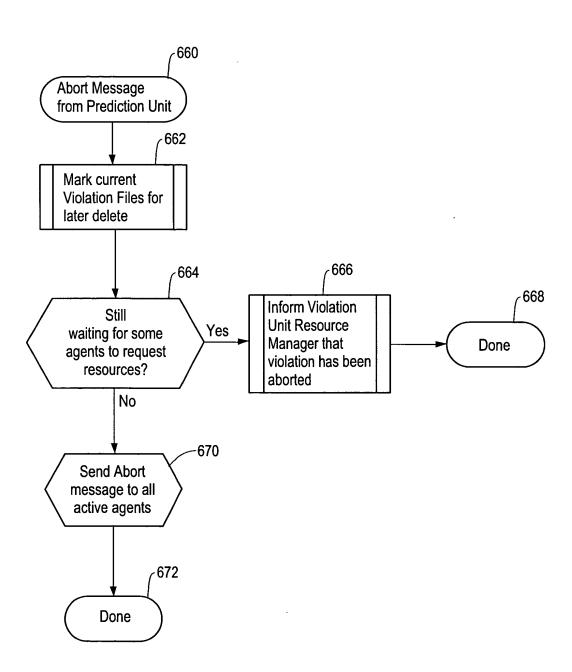
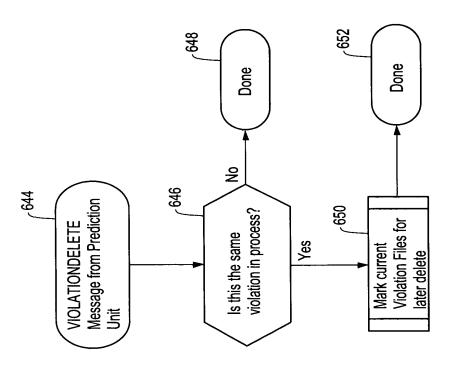


FIG. 20

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
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638 642 Done Done 2 .636 640 Is this the same violation in process? 634 Message from Prediction Unit message to all active Yes agents Send

FIG. 21

FIG. 23

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al. Appl. No.:
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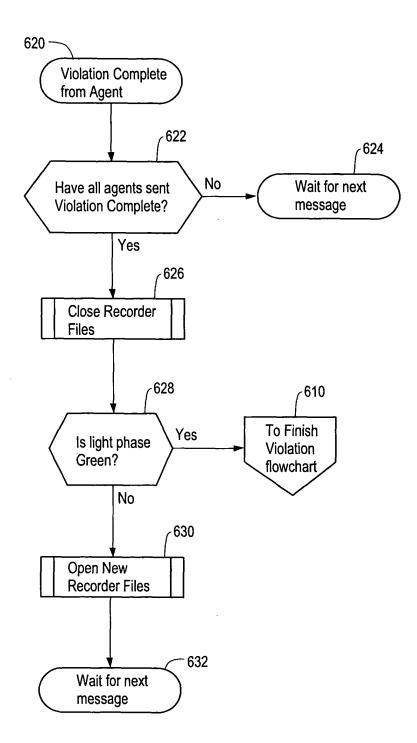


FIG. 22

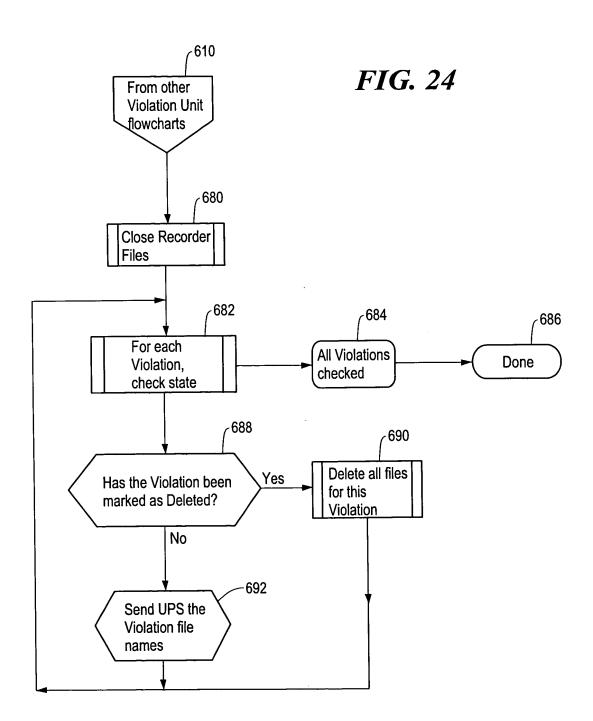
AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

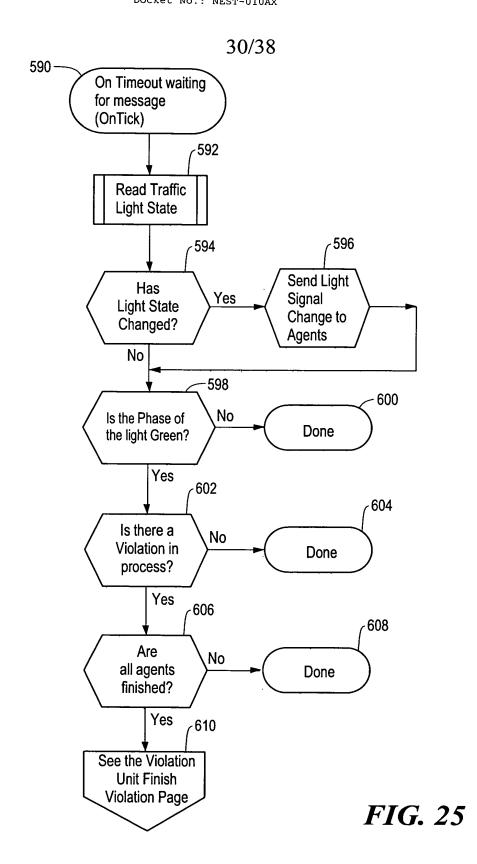
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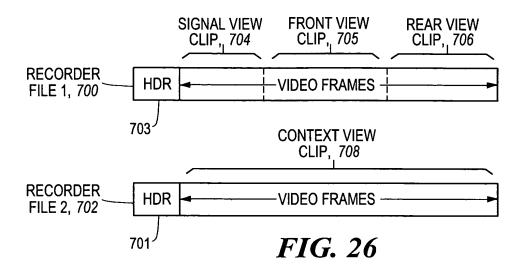
Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al. Appl. No.:
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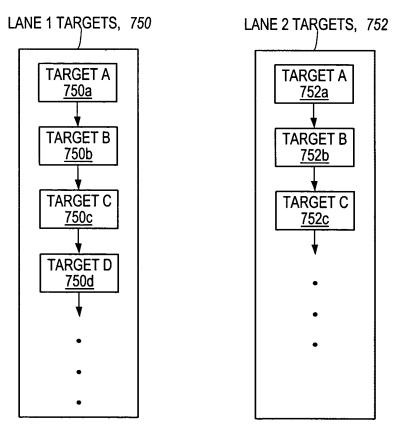


FIG. 27

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

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TARGET VEHICLE PREDICTION HISTORY	760
NEXT	761
TARGET ID	762
CAMERA	763
LANE	764
PAST PREDICTIONS	765
PAST STOP LINE ON YELLOW	766
PREDICTION STATE	
FRAMES SINCE SEEN	768
SEEN THIS FRAME	769
PAST STOP LINE	770
PAST VIOLATION LINE	
CAME TO STOP	
RIGHT TURN COUNT	773
TOLD VIOLATION UNIT	
REQUESTED PREEMPTION	775
SCORE	776
HIGHEST SCORE	
TIME ELAPSED IN RED AT STOP LINE	778
DISTANCE TO VIOLATION LINE	779
DISTANCE TRAVELLED	780
VELOCITY AT STOP LINE	781
CURRENT VELOCITY	782
CURRENT ACCELERATION	783
DISTANCE TO STOP LINE	784
FIRST POSITION	785
LAST POSITION	786

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
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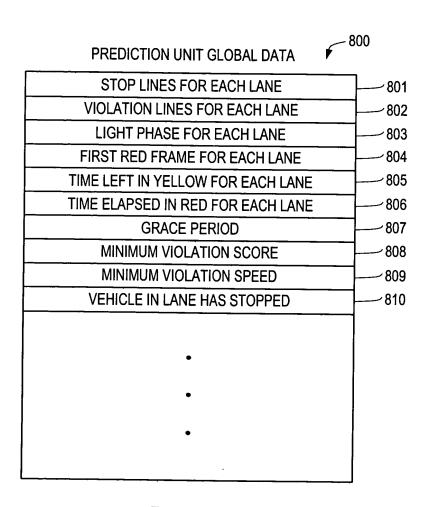
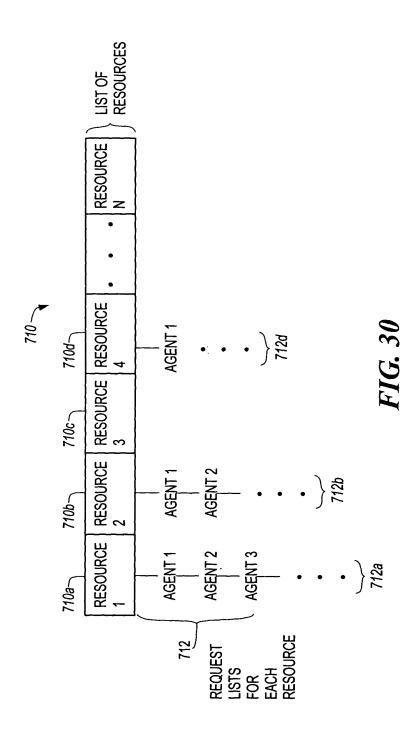


FIG. 29

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Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...

Inventors: Mark D. Laird, et al.

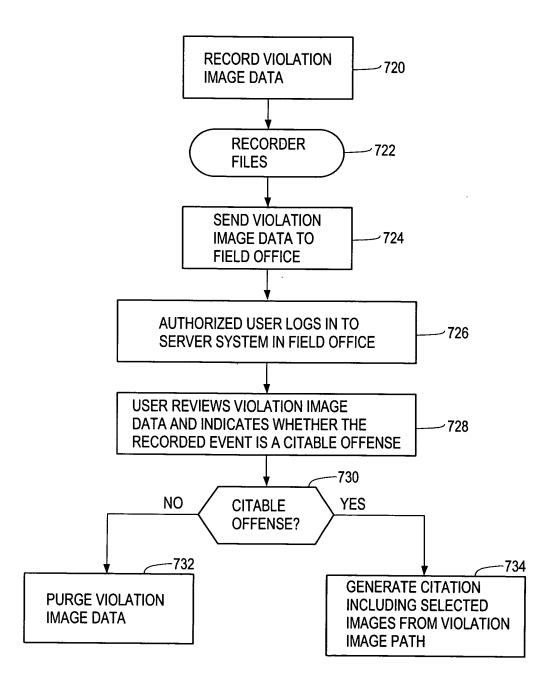
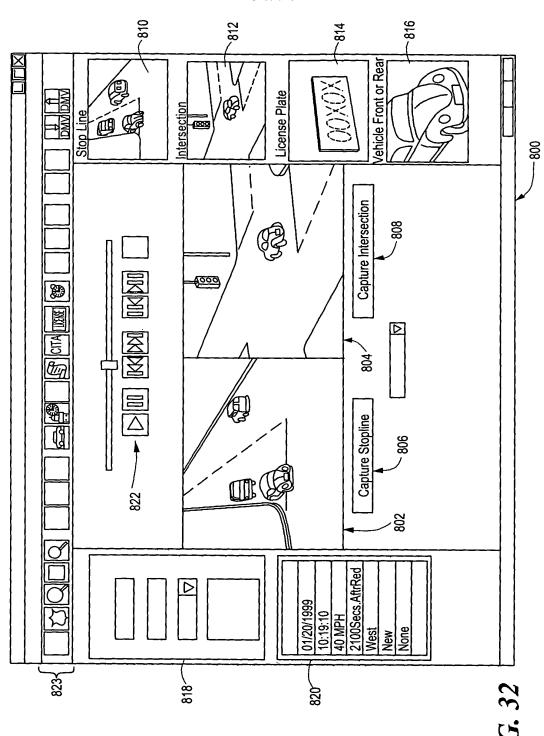


FIG. 31

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.

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Inventors: Mark D. Laird, et al.

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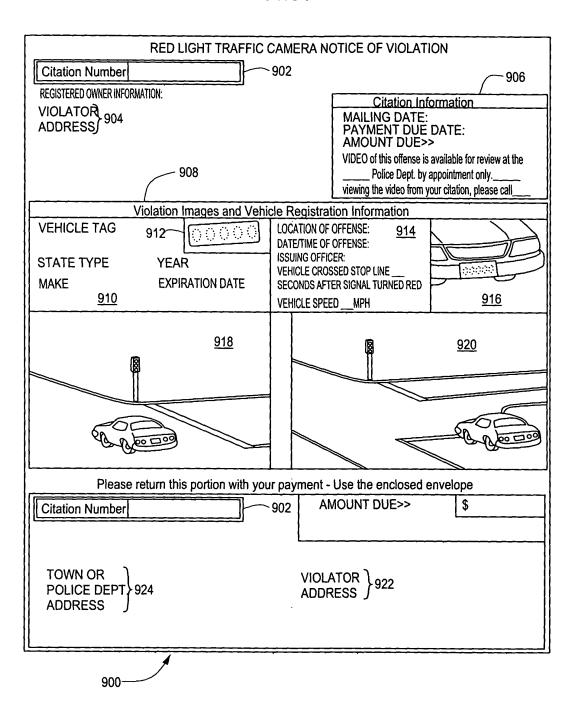


FIG. 33

Title: TRAFFIC VIOLATION DETECTION AT AN INTERSECTION...
Inventors: Mark D. Laird, et al.
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